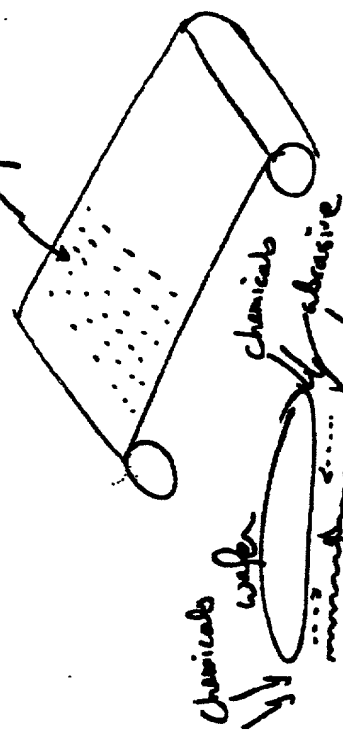




permeable

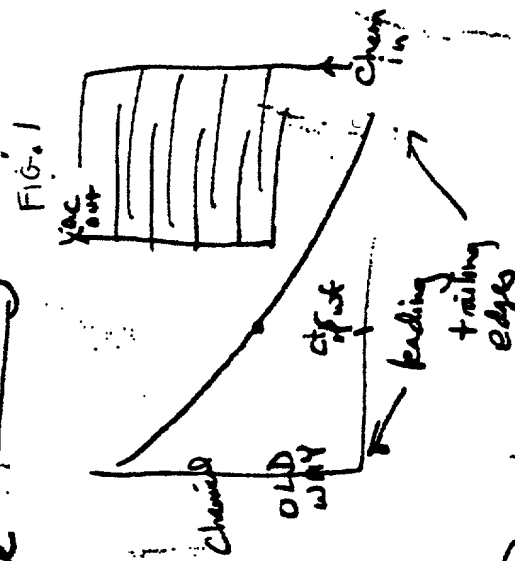
pressure drop  
across membrane



Chemical depletion

John J. Gaudin

faivie = air bubble ~~air bubbles~~ <sup>air bubbles</sup> out



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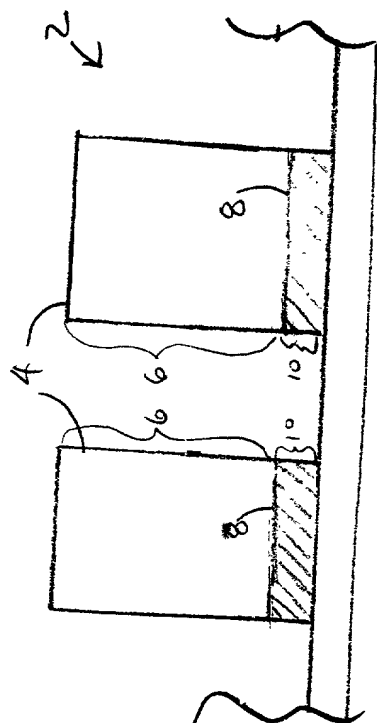
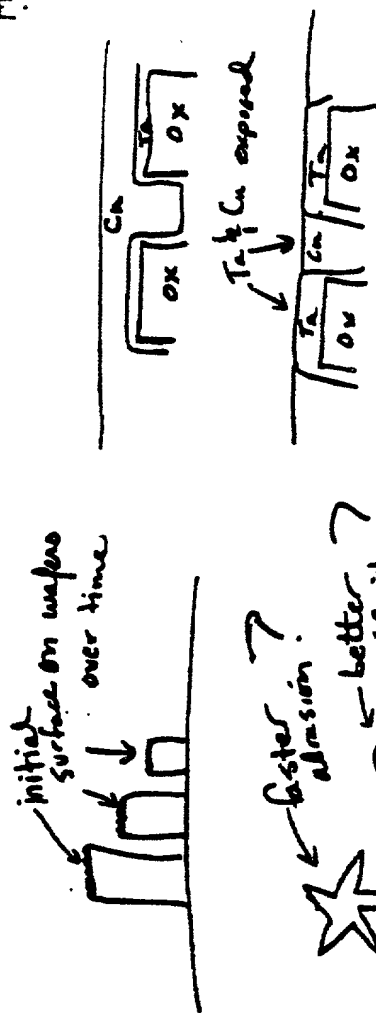


FIG. 2

Fig. 3




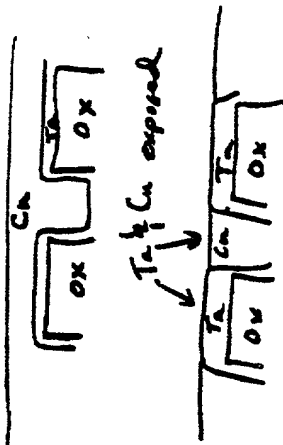

 faster admission? → better university?

Diagram illustrating the relationship between unit size and rate:

- A larger circle is labeled "better unit?"
- A smaller circle is labeled "better rates? (faster division)"



eg. web now is 500:1 on  $T_n$   
750:1 on oxide

maybe want 1:1:1 unselective

14

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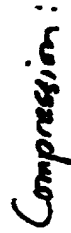


FIG. 5

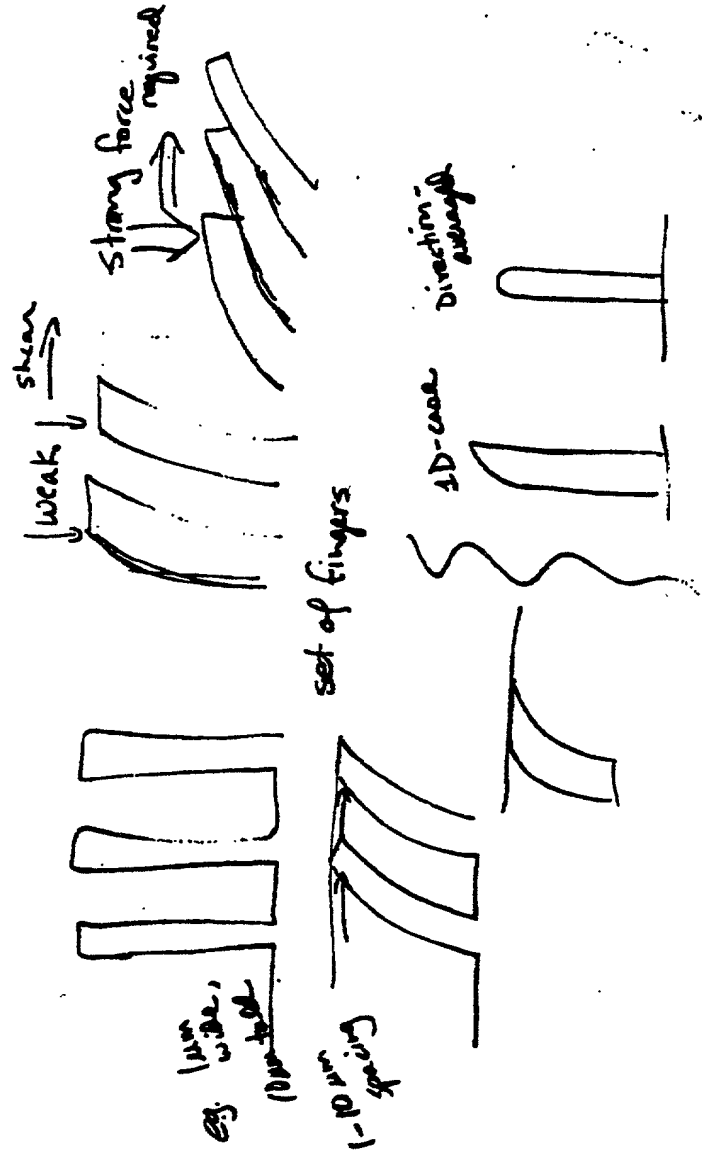
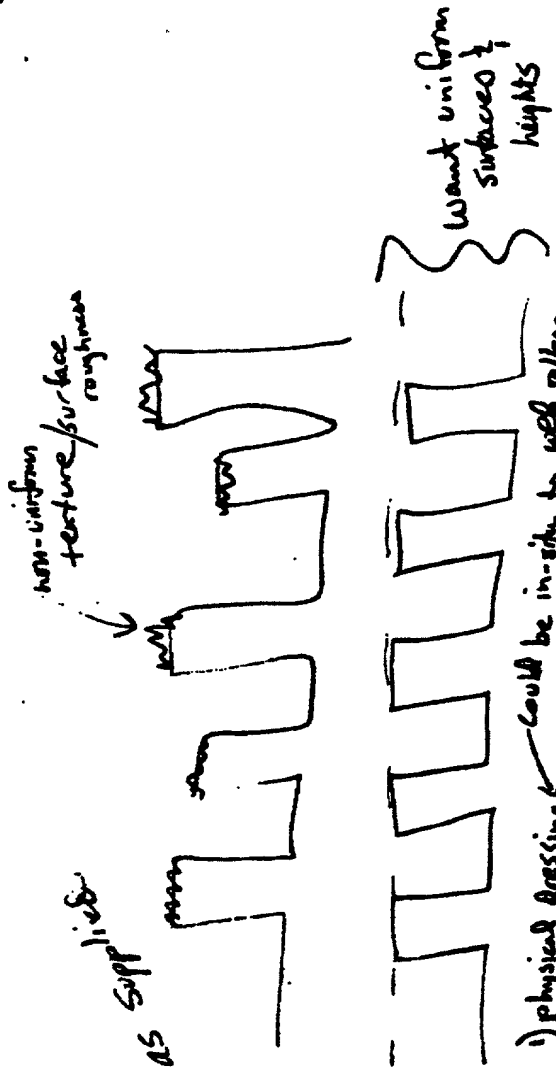


Fig. 6



- 1) physical dressing
- 3) laser to burn to even heights / melt to uniform texture

Postlude: initial rate non-unif.

maybe lack of polishing debris : Solution: pre-seed of debris (slurry)

Fig. 7

ISRM shines laser through well

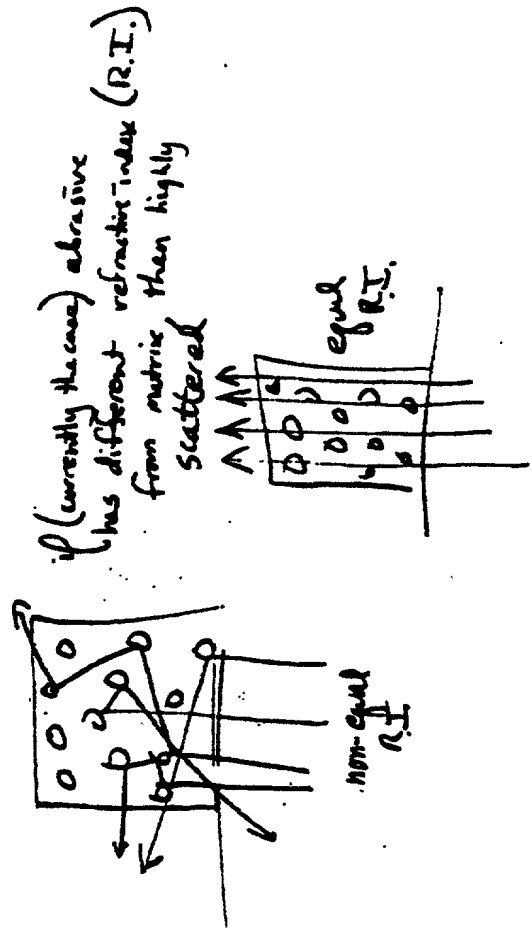


Fig. 8

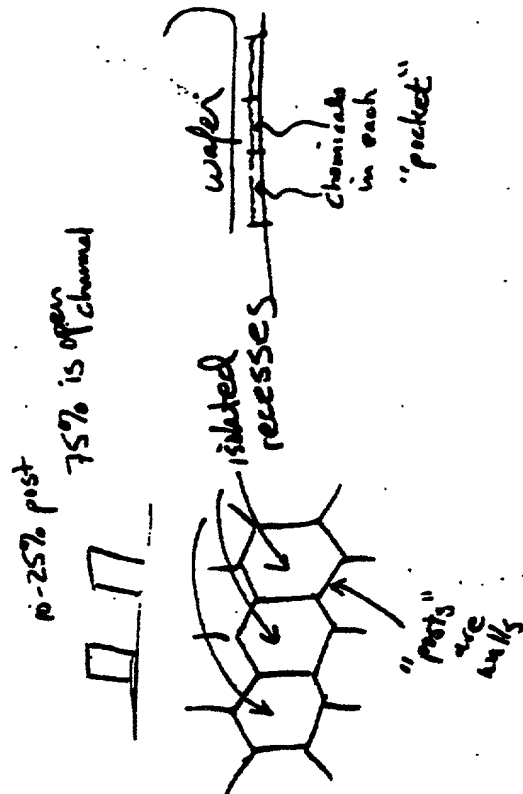




Fig. 9

change the behavior or performance of web in different regions to alter the performance, e.g., center-to-edge on the unfer

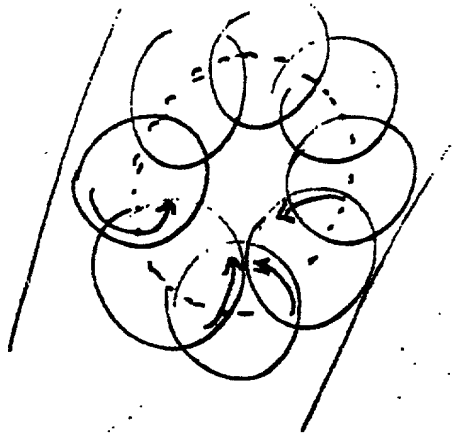


Fig. 10

Problem: current backing  
(polyester?) sheds particles  
on abrasion

Solution: non-shedding backing mat

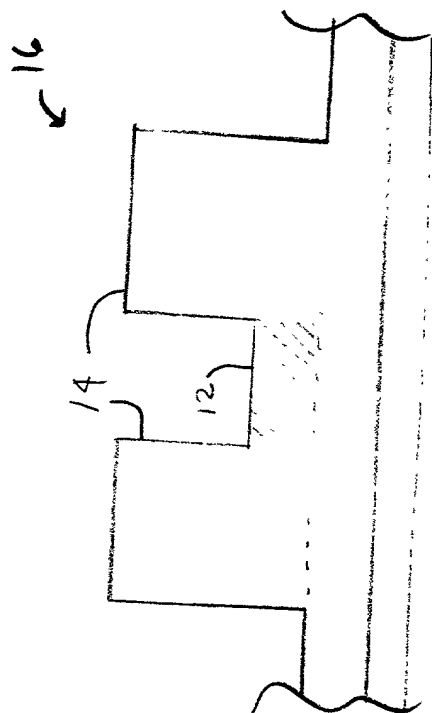


FIG. 11

21.6.7

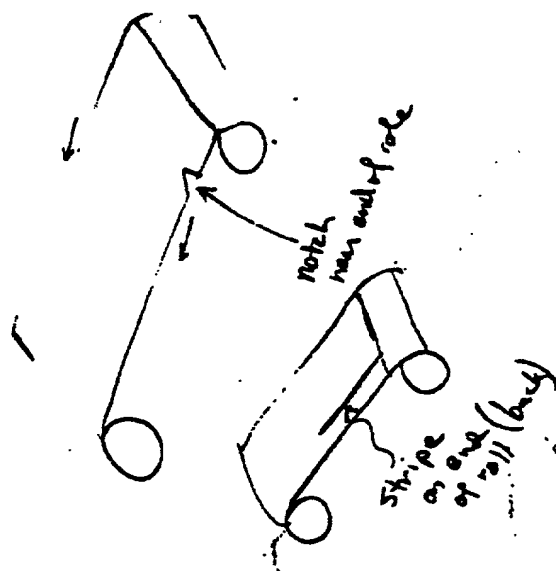


FIG. 20

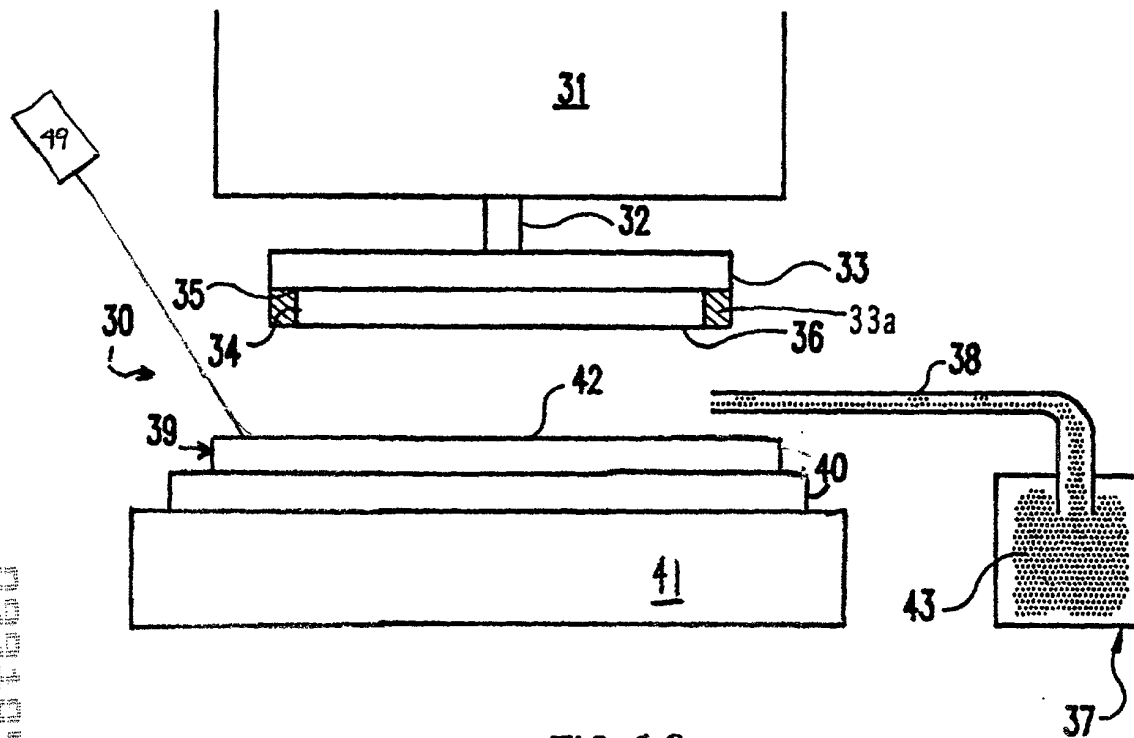


FIG. 20

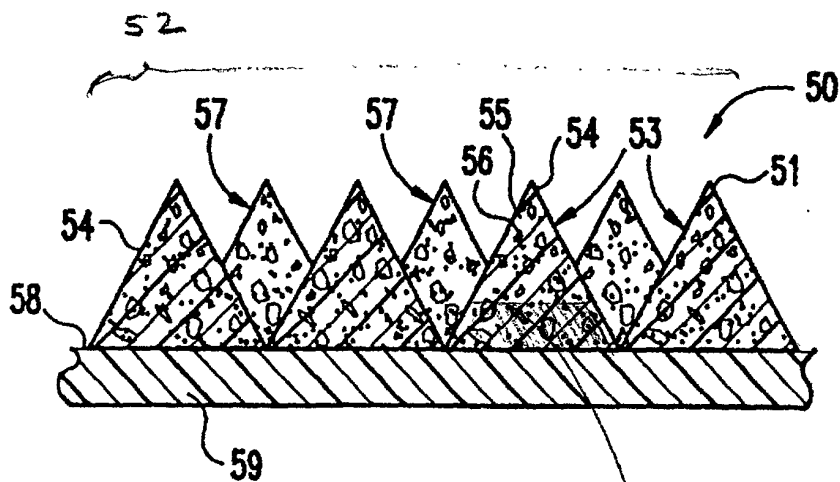


FIG. 13

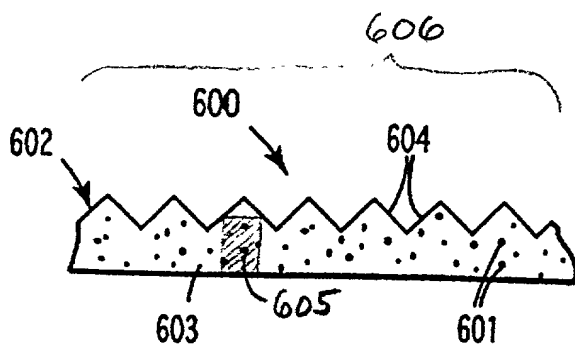


FIG. 14

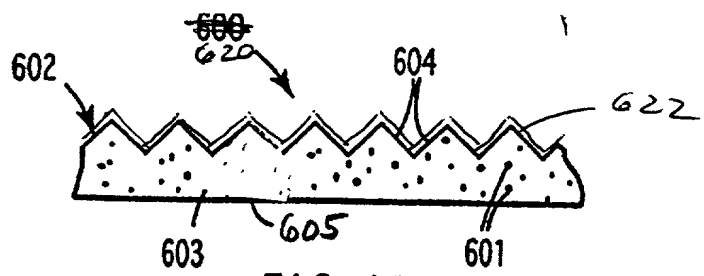
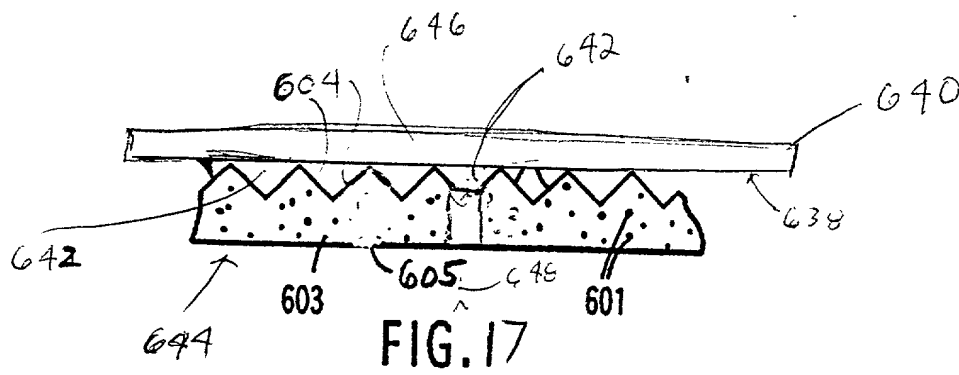


FIG. 15

FIG. 16





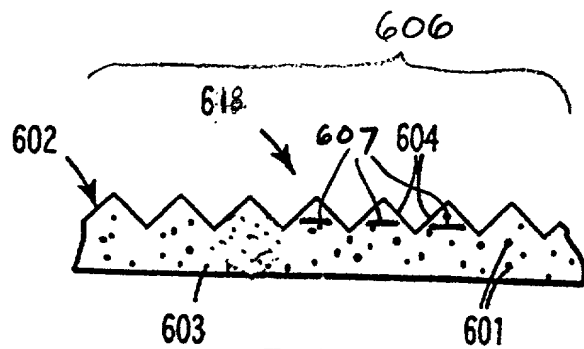


FIG. 18

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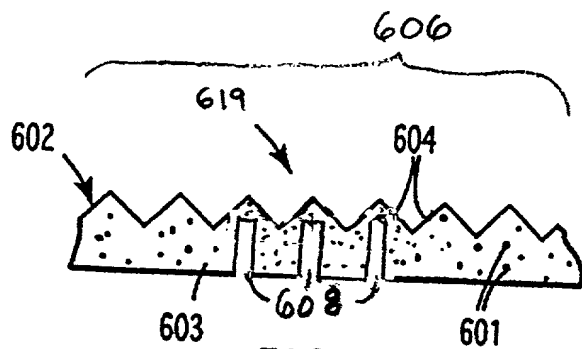


FIG. 19